

Apparatus and process for degassing plastic materials, in particular high-molecular polycarbonate solutions

Abstract

Sub A¹⁵
10 An apparatus for degassing plastic materials, in particular high-molecular polycarbonate solutions, is described, having a double-shaft extruder, which comprises shafts rotating in the same direction and meshing with one another. The apparatus is characterized in that the extruder has a length-to-diameter ratio smaller than/equal to 40, wherein the shafts are designed with a double lead in the degassing zone of the extruder and with a triple lead in the pressure build-up zone of the extruder. The apparatus enables economical manufacture of a polycarbonate of a particularly high transmittancy. A corresponding process is moreover described.

15 The single figure of the drawing is provided for publication.

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